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1 WEST: a Web browser for small terminals


Staffan Björk, Lars Erik Holmquist, Johan Redström, Ivan Bretan, Rolf Danielsson, Jussi Karlgren, Kristofer Franzén

 November 1999 **Proceedings of the 12th annual ACM symposium on User interface software and technology UIST '99**

Publisher: ACM Press

Full text available: pdf(173.07 KB)

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We describe WEST, a Web browser for Small Terminals, that aims to solve some of the problems associated with accessing web pages on hand-held devices. Through a novel combination of text reduction and focus+context visualization, users can access web pages from a very limited display environment, since the system will provide an overview of the contents of a web page even when it is too large to be displayed in its entirety. To make maximum use of the limited resources available on a typica ...

Keywords: WAP (wireless application protocol), flip zooming, focus+context visualization, hand-held devices, proxy systems, text reduction, web browser

2 RSVP Browser: Web Browsing on Small Screen Devices

O. de Bruijn, R. Spence, M. Y. Chong

 January 2002 **Personal and Ubiquitous Computing**, Volume 6 Issue 4

Publisher: Springer-Verlag

Full text available: pdf(171.91 KB)

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In this paper, we illustrate the use of space-time trade-offs for information presentation on small screens. We propose the use of Rapid Serial Visual Presentation (RSVP) to provide a rich set of navigational information for Web browsing. The principle of RSVP browsing is applied to the development of a Web browser for small screen devices, the RSVP browser. The results of an experiment in which Web browsing with the RSVP browser is compared with that of a typical WAP browser suggests that RSVP ...

Keywords: Mobile Internet, Mobile communication, Navigation, Rapid serial visual presentation, Small screen devices, WAP, Web browsing

3
Small devices 2: Summary thumbnails: readable overviews for small screen web